

FIG. 1

13 QUALITY-VERSUS-THRESHOLD TABLE

13a REVERSE-LINK QUALITY DROP VALUES	13b FORWARD-LINK QUALITY DROP VALUES	13c HANDOFF THRESHOLD
0. 0 %	0. 0 %	2. 5 d B m
0. 0 %	0. 1 %	2. 4 d B m
⋮	⋮	⋮
1 0. 0 %	9. 9 %	0. 2 d B m
1 0. 0 %	1 0. 0 %	0. 1 d B m

FIG. 2

000290" SE626560

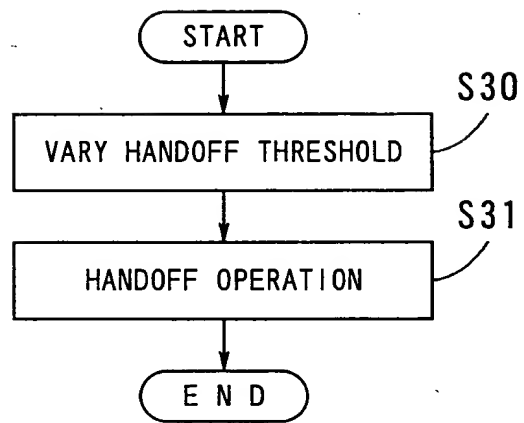


FIG. 3

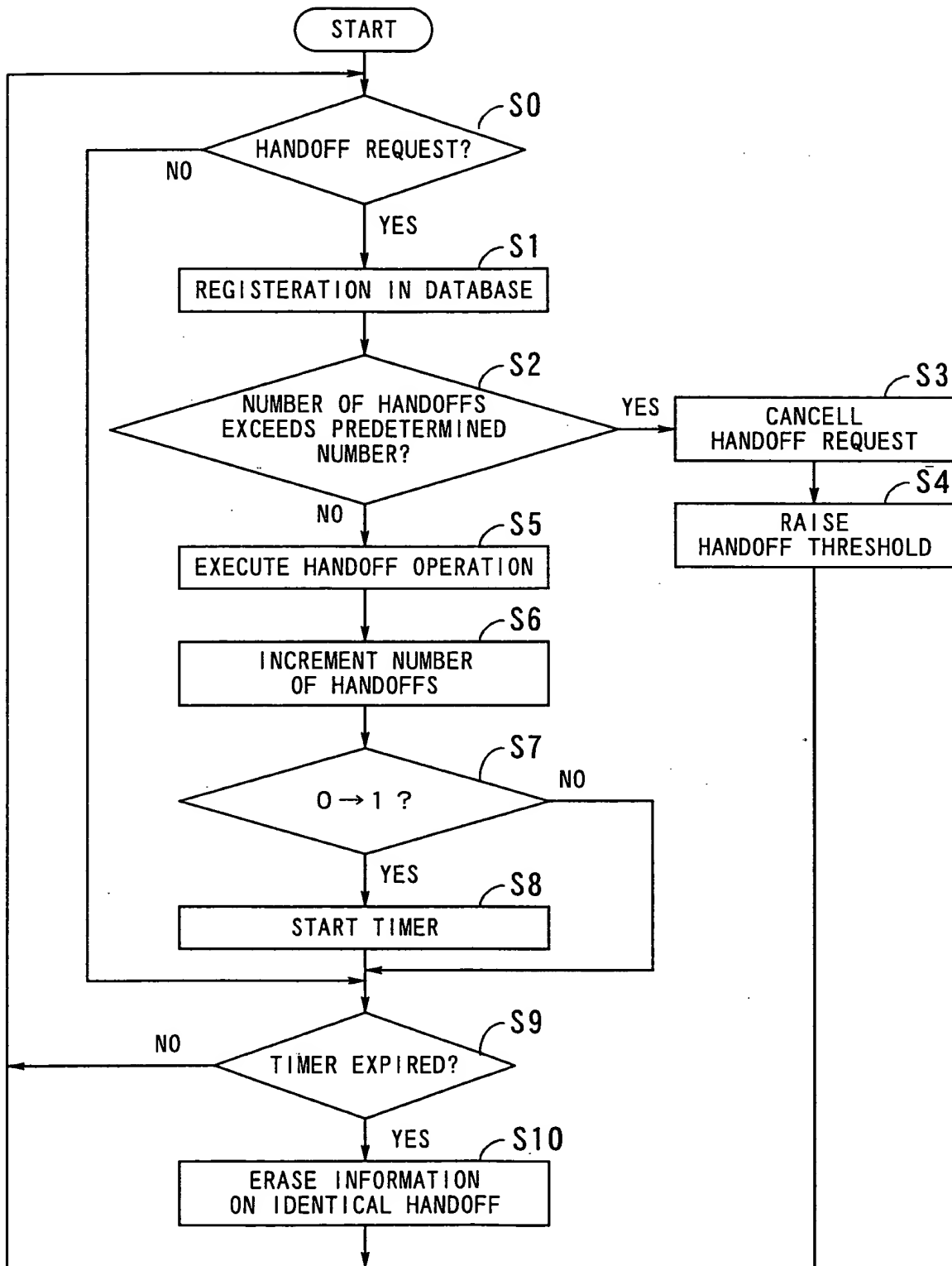


FIG. 4

000290" SE626660

15 HANDOFF NUMBER TABLE

PROVIDED FOR EACH MOBILE STATION.

15-1a

15-1b

BASE STATION NUMBER	NUMBER OF OCCURRED HANDOFFS
E 3	3
C 2	4
⋮	⋮
O 8	1
C 1	1

FIG. 5

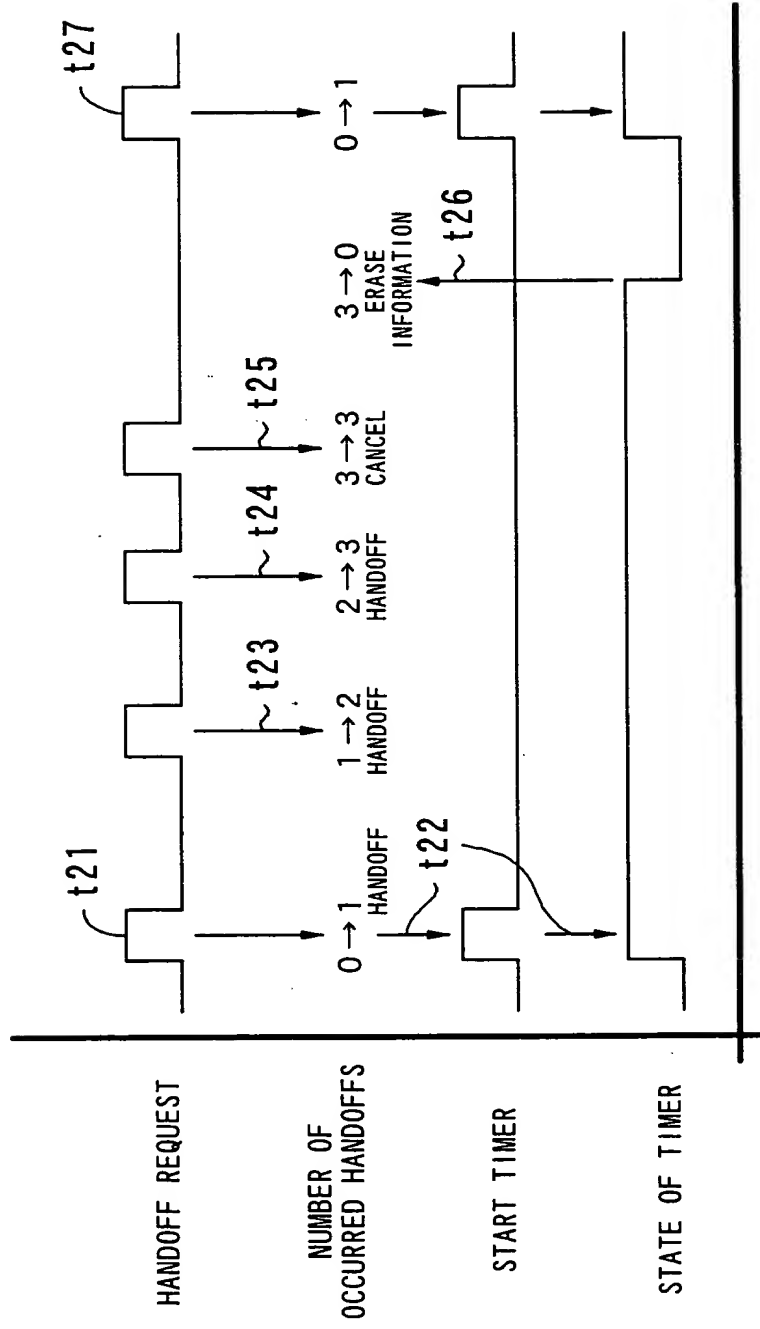


FIG. 6

1a WIRELESS COMMUNICATION
CONTROL APPARATUS

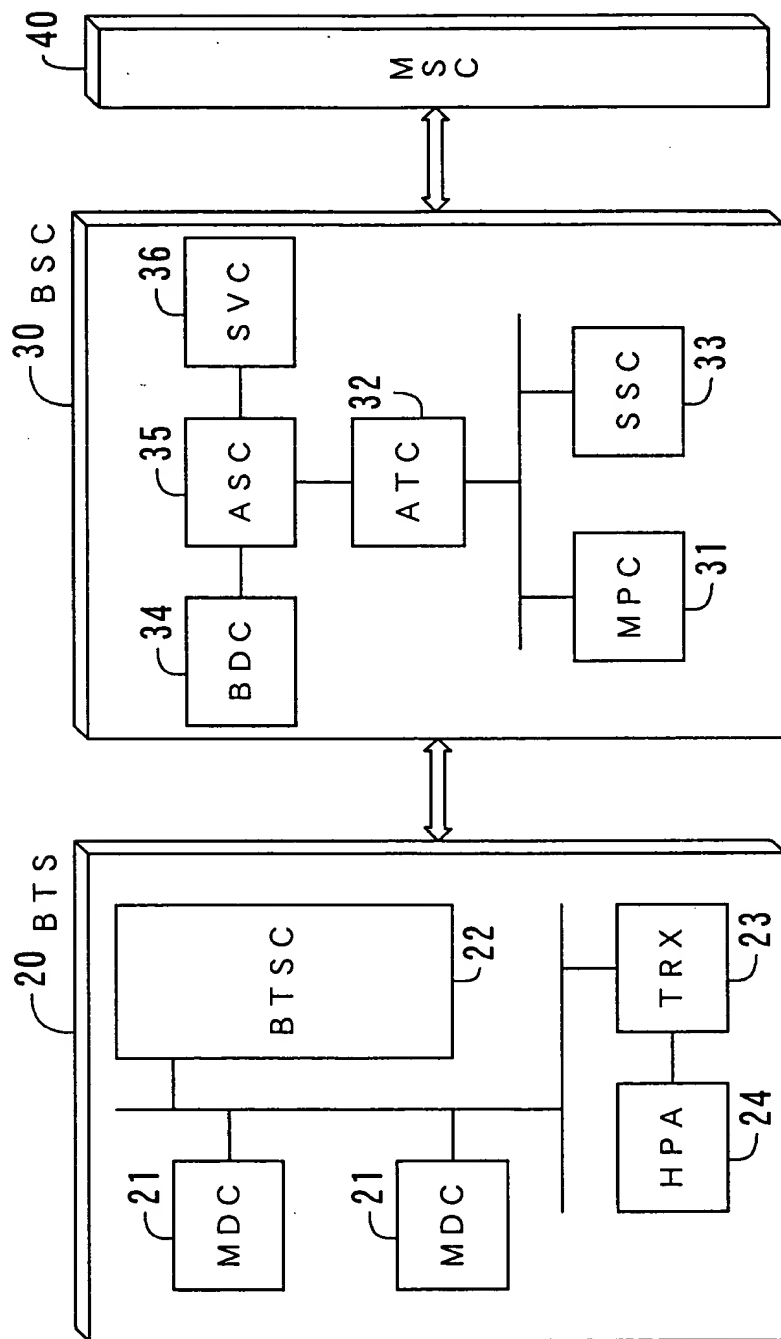


FIG. 7

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graph TD
    START([START]) --> S40[MOBILE STATION RECEIVES  
HANDOFF THRESHOLD]
    S40 --> S41[MOBILE STATION SEARCHES  
FOR REFERENCE SIGNAL]
    S41 --> S42{REFERENCE  
SIGNAL LEVEL  
EXCEEDS HANDOFF  
THRESHOLD?}
    S42 -- NO --> S41
    S42 -- YES --> S43[MOBILE STATION INFORMS CONTROLLING  
WIRELESS BASE STATION OF EXISTENCE  
OF SUBSTITUTE WIRELESS BASE STATION]
    S43 --> S44[CONTROLLING WIRELESS BASE STATION  
INSTRUCTS SUBSTITUTE WIRELESS BASE  
STATION TO SECURE RESOURCES]
    S44 --> S45[CONTROLLING WIRELESS BASE STATION  
INSTRUCTS MOBILE STATION  
TO BE HANDED OFF]
    S45 --> S46[MOBILE STATION OPERATES  
SO AS TO BE HANDED OFF]
    S46 --> S47[COMPLETE HANDOFF]
    S47 --> END([END])

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FIG. 8

PRIOR ART

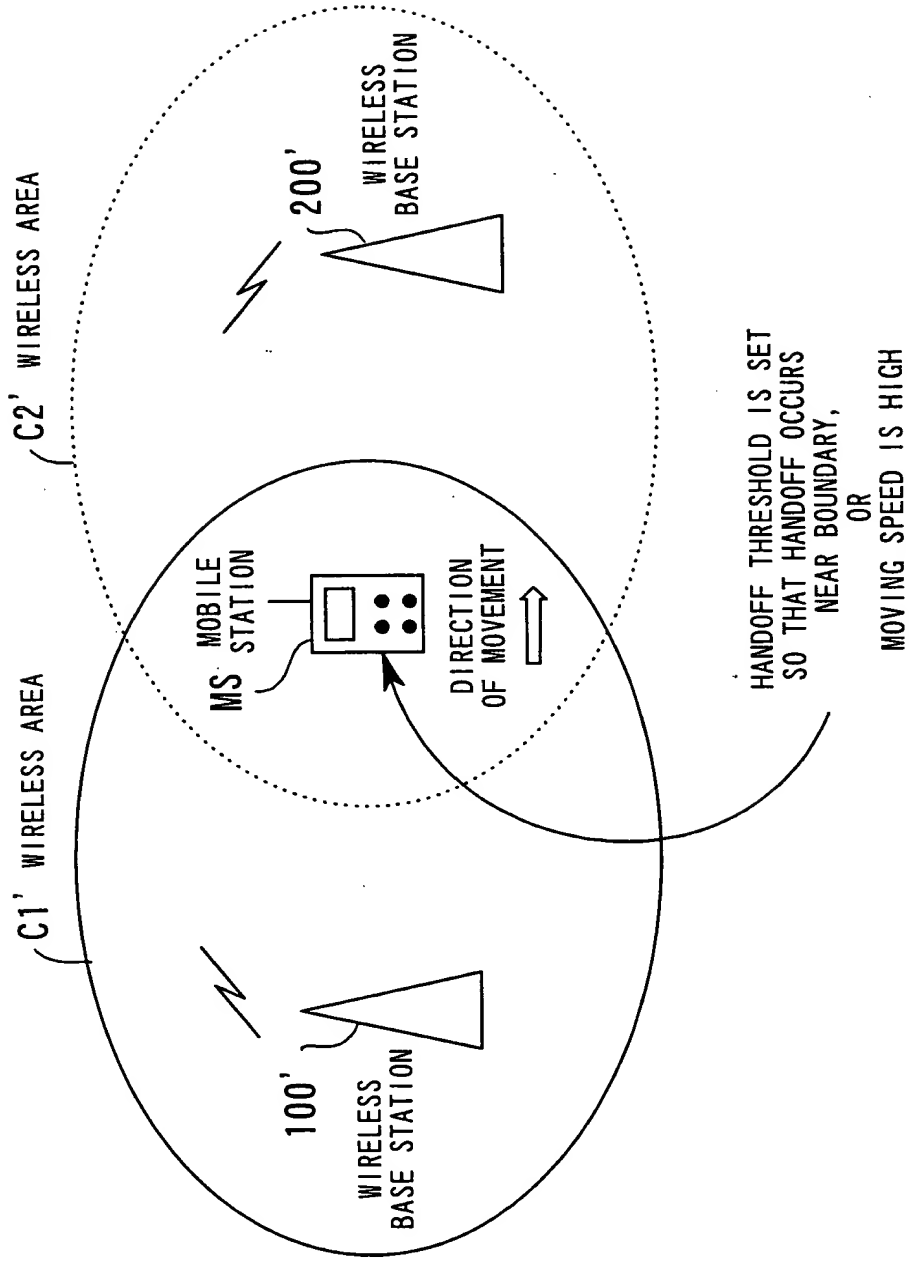


FIG. 9

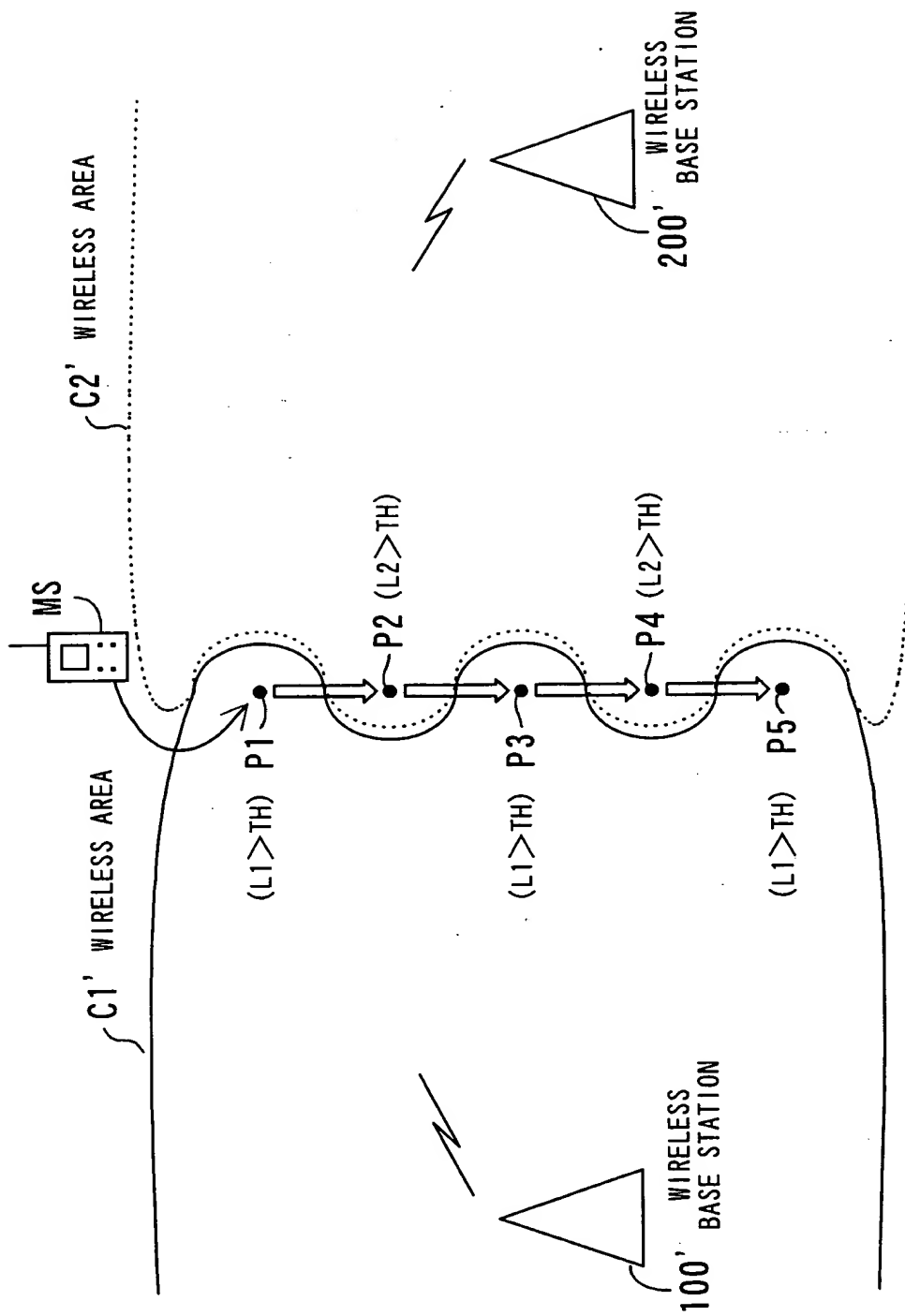


FIG. 10